

New claims

1. A drop feed device (1), for a two-roll continuous strip casting machine, for feeding one ingot mould (15) with molten metal, comprising a distributor (3),
5 having a substantially prismatic shape with one of the faces open and having a rectangular shape in plan view, with holes (10) arranged on one or more side walls of the distributor (3) characterized in that the inside of the distributor (3) comprises at least three tanks (4, 5, 6), arranged along its longer dimension wherein two first tanks (4, 6) are arranged at the end of the distributor (3) and at least one further
10 tank (5) is set in an intermediate position with respect to the two first tanks (4, 6), in which the further intermediate tank (5) is separated from the two first tanks (4, 6) by respective separating walls (7, 8), whose the dimensions are such as to cause their edges (7', 8') to perform a function of weir for passage of the molten metal between said intermediate tank (5), when it is full, and said two first tanks (4, 6),
15 and in that the holes (10) are arranged in such a position and are of such dimensions and shape as to be able to perform a function of emptying the molten metal from said two first tanks (4, 6) towards the outside of the distributor (3) before reaching a level equal to that of the edges (7', 8') of the separating walls (7, 8).
- 20 2. The drop feed device according to Claim 1, wherein the holes (10) are substantially elongated having the shape of a slot.
3. The drop feed device according to Claim 1, wherein a further distributor (12) is provided having an elongated, substantially prismatic shape, designed to be set between said distributor (3) and an ingot mould (15).
- 25 4. The drop feed device according to Claim 3, wherein a discharger (2) is provided, which is designed to discharge molten metal from a tundish or other container into the intermediate tank of the distributor (3).
5. The device according to Claim 4, wherein the discharger (2) has a substantially funnel-like shape, and the angle of divergence of the internal walls of the
30 discharger is less than 7°.
6. The device according to Claim 1, wherein some or all of the faces of the distributor (3) are mutually convergent.

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